

Amendments to the Claims:

Please cancel Claims 1-8 and 12-17 without prejudice.

Please amend the claims as shown below. This Listing of Claims will replace prior versions, and listings, of claims in the application.

Listing of Claims:

1-8 (canceled)

9. (currently amended) A printer driver which operates in a terminal connectable to ~~the~~ an image input/output system including obtaining means for obtaining a print-job that includes printing-mode information and print-data, analyzing means for analyzing the printing-mode information to determine whether an output mode of the print-data is a high-contrast output mode or a low-contrast output mode, and generating means for generating image data according to the output mode, the image data in the high-contrast output mode being generated by calculating color-space conversion of the print-data at a high bit-depth, the image data in the low-contrast output mode being generated by calculating the color-space conversion of the print-data at a low bit-dep~~th~~ Claim 4 and generates the print-job output to the image input/output system, the printer driver comprising:

low-contrast setting means for setting an output mode of print-data to be output to the image input/output system to a low-contrast output mode;

high-contrast setting means for setting the output mode of print-data to be output to the image-processing device to a high-contrast output mode if monochrome output was not selected for the print-data and at least one of the picture objects included in the print-data is a color object;

low-contrast generating means for generating printing-mode information having information for low-contrast output mode if the output mode of the print-data to be output by the image input/output system is the low-contrast mode;

high-contrast generating means for generating printing-mode information having information for high-contrast output mode if the output mode of the print-data to be output by the image input/output system is the high-contrast mode; and

print generating means for generating the print-job that includes the print-data and the printing-mode information generated by the low-contrast generating means and the high-contrast generating means.

10. (original) An image input/output system comprising:
obtaining means for obtaining a print-job that includes print-data;
analyzing means for analyzing the print-data to determine the presence of a picture object for color-output in the print-data; and
generating means for generating image data by calculating color-space conversion for the print-data at a high bit-depth if the presence of the picture object for color-output is determined and by calculating the color-space conversion at a low bit-depth if the presence of the picture object for color-output is not determined.

11. (original) The image input/output system according to Claim 10, wherein the generating means generates the image data without calculating the color-space conversion for the print-data if the picture object in the print-data is to be rendered by a predetermined property and color.

12-17. (canceled)

18. (new) An image input/output method comprising:
obtaining a print-job that includes print-data;
analyzing the print-data to determine the presence of a picture object for color-output in the print-data; and
generating image data by calculating color-space conversion for the print-data at a high bit-depth if the presence of the picture object for color-output is

determined and by calculating the color-space conversion at a low bit-depth if the presence of the picture object for color-output is not determined.

19. (new) The image input/output method according to Claim 18, wherein the image data is generated without calculating the color-space conversion for the print-data if the picture object in the print-data is to be rendered by a predetermined property and color.

20. (new) A computer-readable medium having computer-executable instructions stored thereon for performing an image input/output method comprising:

- obtaining a print-job that includes print-data;
- analyzing the print-data to determine the presence of a picture object for color-output in the print-data; and
- generating image data by calculating color-space conversion for the print-data at a high bit-depth if the presence of the picture object for color-output is determined and by calculating the color-space conversion at a low bit-depth if the presence of the picture object for color-output is not determined.